



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/036,275	10/24/2001	William D. Tierney	M1103.70260US00	3532
45840 7590 02/15/2008 WOLF GREENFIELD (Microsoft Corporation) C/O WOLF, GREENFIELD & SACKS, P.C. 600 ATLANTIC AVENUE BOSTON, MA 02210-2206			EXAMINER TANG, KAREN C	
			ART UNIT 2151	PAPER NUMBER
			MAIL DATE 02/15/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

AK

Interview Summary

Application No.

10/036,275

Applicant(s)

TIERNEY ET AL.

Examiner

KAREN C. TANG

Art Unit

2151

All participants (applicant, applicant's representative, PTO personnel):

(1) KAREN C. TANG.(3) Dan Windner (technical assistance).(2) Edmund Wash (32,950).

(4) _____.

Date of Interview: 12 February 2008.Type: a) ☒ Telephonic b) ☐ Video Conferencec) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____.

Claim(s) discussed: Claim 1 and Claim 27.Identification of prior art discussed: Flowers (US 2003/0105812).Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Examiner Note: You must sign this form unless it is an
Attachment to a signed Office action.

Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Examiner provides indication in term of how to correct the claim rejections on 101 and 112. The specification needs to distinguish the different mediums as the following:

"A software implementation of the above-described embodiment may comprise a series of computer instructions either fixed on a medium, CRSM (Computer Readable Storage Medium) such as a computer readable media, for example, a diskette, a CD-ROM, a ROM memory, or a fixed disk, or CRTM (Computer Readable Transmission Medium) transmittable to a computer system, via a modem or other interface device over a medium. The medium either can be but not limited to optical or analog communications lines, or may be implemented with wireless techniques, including but not limited to microwave, infrared or other transmission techniques. The CRTM may also be the Internet. The series of computer instructions embodies all or part of the functionality previously described herein with respect to the invention. Those skilled in the art will appreciate that such computer instructions can be written in a number of programming languages for use with many computer architectures or operating systems. Further, such instructions may be stored using any memory technology, present or future, including, but not limited to, semiconductor, magnetic, optical or other memory devices, or transmitted using any communications technology, present or future, including but not limited to optical, infrared, microwave, or other transmission technologies. It is contemplated that such a computer program product may be distributed as a removable media with accompanying printed or electronic documentation, e.g., shrink wrapped software, pre-loaded with a computer system, e.g., on system ROM or fixed disk, or distributed from a server or electronic bulletin board over a network, e.g., the Internet or World Wide Web "

The examiner also provides an indication on how to correct the preamble on claims 27, such as "at least one computer readable storage medium" encoded with instructions that are executed in a computer system to perform a method .." Applicant has submitted a draft amendment to over the 112 second on claims 1, 14, 27 and 41, and the draft amendment should be able to overcome the 112 second issue. .

**F A X C O V E R**

*****OFFICIAL FAX*****

Date: February 11, 2008 **Number of pages (including cover):** 13**To:** US Patent and Trademark Office**Fax No.:** 571.571-273-3116**Serial No.:** 10/036,275 #3532**Title:** METHOD AND APPARATUS FOR MANAGING A PEER-TO-PEER
COLLABORATION SYSTEM**From:** Edmund J. Walsh**Direct dial:** 617.646.8212**Our File #:** M1103.70260US00**ORIGINAL DOCUMENTS WILL NOT BE MAILED.****MESSAGE:** Transmitted herewith is an Interview Agenda and proposed claim amendments.

This transmission contains confidential information intended for use only by the above-named recipient. Reading, discussing, distributing, or copying this message by anyone other than the named recipient, or his or her employees or agents, is strictly prohibited. If you have received this fax in error, please notify us immediately by telephone (collect), and return the original message to us at the address below via the U.S. Postal Service.

IF YOU DID NOT RECEIVE ALL OF THE PAGES OF THIS TRANSMISSION, OR IF ANY OF THE PAGES ARE ILLEGIBLE, PLEASE CALL 617.646.8000 IMMEDIATELY.

Wolf Greenfield Fax Number: 617.646.8646

Wolf, Greenfield & Sacks, P.C. | 600 Atlantic Avenue | Boston, Massachusetts 02210-2206
617.646.8000 | fax 617.646.8646 | www.wolfgreenfield.com

PATENTS TRADEMARKS COPYRIGHTS TECHNOLOGY TRANSFERS LITIGATION

DOCKET NO.: M1103.70260US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William D. Tierney et al.
Serial No.: 10/036,275
Confirmation No.: 3532
Filed: 10/24/2001
For: METHOD AND APPARATUS FOR MANAGING A PEER-
TO-PEER COLLABORATION SYSTEM

Examiner: Karen C. Tang
Art Unit: 2151

INTERVIEW AGENDA

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam:

Applicants thank the Examiner for agreeing to conduct a telephone interview at 3:00p.m.,
February 12, 2008.

During the interview, Applicants would like to discuss the §101 rejection of claim 27 and
§112 paragraph 2 rejections of claims 1, 14, 27 and 41. Attached are the proposed claims.

Dated: 2/11/2008

Respectfully submitted,

By:

Edmund J. Walsh, Reg. No. 32,950
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

U.S. Serial No. 10/036,275
Conf. No. 3532

Attorney Docket No. M1103.70260US00

FOR DISCUSSION PURPOSES ONLY

PROPOSED CLAIM AMENDMENTS

1. (Currently amended) A method for managing a peer-to-peer collaboration system, the method comprising:
 - (a) using client software operating in a first device and a second device to connect a first user of the first device to a second user of the second device in a peer-to-peer collaboration session including the first user and second user, the first user having a first collaboration identity in a shared space and the second user having a second collaboration identity in the shared space;
 - (b) sending a request from a management server to the first user to become a managed entity;
 - (c) downloading from the management server to the client software operating in the first device a definition file containing a definition of the managed entity;
 - (d) associating a management identity in the definition file with the first collaboration identity or first device information in the client software operating in the first device in order to create the managed entity, the management identity associated with the managed entity being different than the first collaboration identity, the management identity allowing the first user or first device to be identified by the management server;
 - (e) interacting, between the management server and the client software using the management identity, to exchange management information associated with the operation of the managed entity in the peer-to-peer collaboration session separately from the collaborative information exchanged between the first user and the second user, wherein the exchanged management information comprises at least ~~one member of a group comprising~~ a license file and/or a policy restriction file;

- (f) if the exchanged information includes a license file, in response to information in the license file, enabling at least one function in the client software; and
- (g) if the exchanged information includes a policy restriction file, in response to information in the policy restriction file, restricting at least one function in the client software.

2. (Previously presented) The method of claim 1 wherein the managed entity is a managed user and the definition file is an injectible identity file and the act (d) of associating comprises incorporating information from the injectible identity file into a user account file.

3. (Previously presented) The method of claim 1 wherein the managed entity is a managed device and the definition file is a device information file.

4. (Previously presented) The method of claim 3 wherein the act (d) of associating comprises incorporating information from the device information file into a Windows REG file.

5. (Previously presented) The method of claim 1, wherein interacting comprises:

- i) sending at least one license file from the management server to the managed user; and
- ii) in response to information in the license file, enabling at least one function in the client software.

6. (Previously presented) The method of claim 1, wherein interacting comprises:

- i) sending at least one policy restriction file from the management server to the managed user; and
- ii) in response to information in the policy restriction file, restricting at least one function in the client software.

7. (Previously presented) The method of claim 1, wherein interacting comprises:

- i) creating a client list of licensed components and policy restrictions in the client software of the managed user;

- ii) sending the client list to the management server;
- iii) creating a server list of licensed components and policy restrictions in the management server;
- iv) comparing the client list to the server list; and
- v) adjusting and synchronizing the components in the client software based on the comparison on step iv).

8. (Previously presented) The method of claim 7 wherein step v) comprises downloading and installing licensed components from the management server to the client software which components are on the server list and are not on the client list.

9. (Previously presented) The method of claim 7 wherein step v) further comprises revoking licenses in the client software of components that are on the client list and are not on the server list.

10. (Previously presented) The method of claim 7 wherein steps i) to v) are repeated periodically.

11. (Previously presented) The method of claim 1, wherein the management information comprises event notifications and statistical information and interacting to exchange management information comprises:

- i) periodically sending the event notifications and the statistical information from the client software of the managed user to the management server.

12. (Original) The method of claim 11 wherein the event notifications include error notifications.

13. (Original) The method of claim 11 wherein event notifications and statistical information are temporarily stored in a memory located at a client site.

14. (Currently amended) Apparatus for managing a peer-to-peer collaboration system, the apparatus comprising:

client software operating in a first device and a second device, the software connecting a first user of the first device to a second user in a peer-to-peer collaboration session including the first and second users, the first user having a first collaboration identity in a shared space and the second user having a second collaboration identity in the shared space;

management software that sends a request from a management server to the first user to become a managed entity;

a download manager that downloads from the management server to the client software operating in the first device a definition file containing a definition of the identity of the managed entity;

a mechanism in the client software that associates the definition with the first collaboration identity or first device information in order to create the managed entity, the management identity associated with the managed entity being different than the first collaboration identity, the management identity allowing the first user or first device to be identified by the management server; and

a mechanism that exchanges information relating to the managed entity between the client software and the management software using the management identity, the information relating to monitoring operation of the managed entity and/or synchronizing the managed entity with information on the management server, the exchanged information being associated with the identity of the managed entity, wherein:

the exchanged management information comprises at least ~~one member of a group comprising~~ a license file and/or a policy restriction file;

if the exchange information includes a license file, in response to information in the license file, enabling at least one function in the client software; and

if the exchanged information includes a policy restriction file, in response to information in the policy restriction file, restricting at least one function in the client software.

15. (Previously presented) The apparatus of claim 14 wherein the managed entity is a managed user and the definition file is an injectible identity file.

16. (Previously presented) The apparatus of claim 14 wherein the managed entity is a managed device and the definition file is a device information file.

17. (Original) The apparatus of claim 16 wherein the device information file is a Windows REG file.

18. (Previously presented) The apparatus of claim 14, wherein the mechanism that exchanges information further comprises:

license control software in the management server that sends at least one license file from the management server to the managed user; and

license control software in the client software that, in response to information in the license file, enables at least one function in the client software.

19. (Previously Presented) the apparatus of claim 14, wherein the mechanism that exchanges information comprises:

policy control software in the management server that sends at least one policy restriction file from the management server to the managed user; and

policy control software in the client software that, in response to information in the policy restriction file, restricts at least one function in the client software.

20. (Previously presented) The apparatus of claim 14, wherein the mechanism that exchanges information comprises:

management software in the management server that creates a client list of licensed components and policy restrictions in the client software of the managed user;

a transport mechanism that sends the client list to the management server;

management software in the client software that creates a server list of licensed components and policy restrictions in the management server;

a mechanism that compares the client list to the server list; and

a mechanism that adjusts and synchronizes the components in the client software in cooperation with the comparison mechanism.

21. (Original) The apparatus of claim 20 wherein the adjusting and synchronizing mechanism comprises a download manager that downloads and installs licensed components from the management server to the client software which components are on the server list and are not on the client list.
22. (Original) The apparatus of claim 21 wherein the adjusting and synchronizing mechanism further comprises a mechanism that revokes licenses in the client software of components are on the client list and are not on the server list.
23. (Previously presented) The apparatus of claim 21 wherein the adjusting and synchronizing mechanism operates periodically.
24. (Previously presented) The apparatus of claim 14, wherein the mechanism that exchanges information comprises:
customer service management software that periodically sends event notifications and statistical information from the client software of the managed user to the management server.
25. (Original) The apparatus of claim 24 wherein the event notifications include error notifications.
26. (Original) The method of claim 24 wherein event notifications and statistical information are temporarily stored in a memory located at a client site.
27. (Currently amended) At least one tangible computer readable medium encoded with instructions, that when executed in a computer system, perform a method managing a peer-to-peer collaboration system, comprising acts of:
connecting a first user to a second user in a peer-to-peer collaboration session including the first and second users, the first user having a first collaboration identity in a shared space and the second user having a second collaboration identity in the shared space;

receiving a request from a management server to the first user to become a managed entity;

downloading from the management server to client software operating in the computer system a definition file containing a definition of the managed entity;

associating a management identity in the definition file with the first collaboration identity in the client software in order to create the managed entity, the management identity associated with the managed entity being different than the first collaboration identity, the management identity allowing the first user or computer system to be identified by the management server; and

interacting with the management server using the management identity to exchange information relating to the managed entity within a collaboration session using the shared space, wherein the exchanged management information comprises at least ~~one member of a group comprising~~ a license file and/or a policy restriction file, and the interacting further comprises:

if the exchange information includes a license file, in response to information in the license file, enabling at least one function in the client software; and

if the exchanged information includes a policy restriction file, in response to information in the policy restriction file, restricting at least one function in the client software,

wherein interacting further comprises:

- i) creating a client list of licensed components and policy restrictions in the client software of the managed user;
- ii) sending the client list to the management server;
- iii) creating a server list of licensed components and policy restrictions in the management server;
- iv) comparing the client list to the server list; and
- v) adjusting and synchronizing the components in the client software based on the comparison on step iv), including downloading and installing licensed components from the management server to the client software which components are on the server list and are not on the client list.

28. (Previously Presented) The at least one tangible computer readable medium of claim 27 wherein the managed entity is a managed user and the definition file is an injectible identity file.

29. (Previously Presented) The at least one tangible computer readable medium of claim 27 wherein the managed entity is a managed device and the definition file is a device information file.

30. (Previously Presented) The at least one tangible computer readable medium of claim 29 wherein the device information file is a Windows REG file.

31. (Previously Presented) The at least one tangible computer readable medium of claim 27, wherein the program code for interacting comprises:
 sending at least one license file from the management server to the managed user; and
 responding to information in the license file for enabling at least one function in the client software.

32. (Previously Presented) The at least one tangible computer readable medium of claim 27, wherein the program code for interacting comprises:
 sending at least one policy restriction file from the management server to the managed user; and
 responding to information in the policy restriction file for restricting at least one function in the client software.

33. (Previously Presented) The at least one tangible computer readable medium of claim 27, wherein the program code for interacting comprises:
 creating a client list of licensed components and policy restrictions in the client software of the managed user;
 sending the client list to the management server;
 creating a server list of licensed components and policy restrictions in the management server;
 comparing the client list to the server list; and

cooperating with the comparing program code for adjusting and synchronizing the components in the client software.

34. (Previously Presented) The at least one tangible computer readable medium of claim 33 wherein the program code for adjusting and synchronizing the components comprises program code for downloading and installing licensed components from the management server to the client software which components are on the server list and are not on the client list.

35. (Previously Presented) The at least one tangible computer readable medium of claim 33 wherein the program code for adjusting and synchronizing the components further comprises program code for revoking licenses in the client software of components are on the client list and are not on the server list.

36. (Previously Presented) The at least one tangible computer readable medium of claim 33 wherein the program code for adjusting and synchronizing the components operates periodically.

37. (Previously Presented) The at least one tangible computer readable medium of claim 27, wherein the program code for interacting comprises:

periodically sending event notifications and statistical information from the client software of the managed user to the management server.

38. (Previously Presented) The at least one tangible computer readable medium of claim 37 wherein the event notifications include error notifications.

39. (Previously Presented) The at least one tangible computer readable medium of claim 37 further comprising program code for temporarily storing event notifications and statistical information in a memory located at a client site.

40. (Canceled).

41. (Currently amended) Apparatus for managing a peer-to-peer collaboration system in which users having identities are directly connected to each other in a collaboration session using a shared space by client software operating in devices and wherein the users can communicate with a management server using the client software, the apparatus comprising:

means operable in devices for connecting a first user having a first collaboration identity in the shared space to a second user having a second collaboration identity in the shared space in a peer-to-peer collaboration session including the first and second users;

means for sending a request from a management server to the first user to become a managed entity;

means for downloading from the management server to the client software a definition file containing a definition of the identity of the managed entity;

means in the client software for associating the identity of the managed entity with the first collaboration identity or first device information in the client software in order to create the managed entity, the management identity associated with the managed entity being different than the first collaboration identity, the management identity allowing the first user or first device to be identified by the management server;

means for exchanging management information associated with the managed entity using the management identity, the management information relating to the collaboration session, and the management information being exchanged between the client software and the management server, and the management information identifying an entity to which the information relates using the new identity of the managed entity, wherein the exchanged management information comprises ~~at least one member of a group comprising~~ a license file and/or a policy restriction file;

means for enabling at least one function in the client software in response to information in the license file if the exchange information includes a license file; and

means for restricting at least one function in the client software in response to information in the policy restriction file if the exchanged information includes a policy restriction file.

42. (Previously presented) The apparatus of claim 41 wherein the managed entity is a managed user and the definition file is an injectible identity file.

43. (Previously presented) The apparatus of claim 41 wherein the managed entity is a managed device and the definition file is a device information file.

44. (Original) The apparatus of claim 43 wherein the device information file is a Windows REG file.

45. (Previously presented) The apparatus of claim 41, wherein the means for exchanging management information comprises:

means for sending at least one license file from the management server to the managed user; and

means responsive to information in the license file for enabling at least one function in the client software.

46. (Previously presented) The apparatus of claim 41, wherein the means for exchanging management information comprises:

means for sending at least one policy restriction file from the management server to the managed user; and

means responsive to information in the policy restriction file for restricting at least one function in the client software.